

Xinyan Li

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1163117

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1372567

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11
all docs

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docs citations

11
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic-scale structural evolution of electrode materials in Li-ion batteries: a review. <i>Rare Metals</i> , 2020, 39, 205-217.	7.1	94
2	Topologically protected oxygen redox in a layered manganese oxide cathode for sustainable batteries. <i>Nature Sustainability</i> , 2022, 5, 214-224.	23.7	44
3	Robust Surface Reconstruction Induced by Subsurface Ni/Li Antisites in Ni-Rich Cathodes. <i>Advanced Functional Materials</i> , 2021, 31, 2010291.	14.9	36
4	Solvent-free mechanochemical synthesis of Na-rich Prussian white cathodes for high-performance Na-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 428, 131083.	12.7	33
5	TiO ₂ (B) anode for high-voltage aqueous Li-ion batteries. <i>Energy Storage Materials</i> , 2021, 42, 438-444.	18.0	28
6	In Operando Visualization of Cation Disorder Unravels Voltage Decay in Ni-Rich Cathodes. <i>Small Methods</i> , 2021, 5, e2000730.	8.6	18
7	One-step epitaxy of high-mobility La-doped BaSnO ₃ films by high-pressure magnetron sputtering. <i>APL Materials</i> , 2021, 9, .	5.1	16
8	Wafer-Scale Epitaxy of Flexible Nitride Films with Superior Plasmonic and Superconducting Performance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 60182-60191.	8.0	13
9	Dynamics of Anisotropic Oxygen-Ion Migration in Strained Cobaltites. <i>Nano Letters</i> , 2021, 21, 10507-10515.	9.1	9
10	Advanced characterization and calculation methods for rechargeable battery materials in multiple scales. <i>Chinese Physics B</i> , 2020, 29, 028801.	1.4	1